

Title (en)
High-capacity apparatus for ejecting circular plate bodies

Title (de)
Grossraumscheibenvereinzelnungsvorrichtung

Title (fr)
Distributeur de disques à grande capacité

Publication
EP 0911768 A1 19990428 (EN)

Application
EP 98116114 A 19980826

Priority
JP 30141397 A 19970926

Abstract (en)
This invention was developed provide an apparatus for ejecting circular plate bodies with a greatly improved receiving capacity for circular plate bodies such as coins to be paid out, which can dispense all of circular plate bodies without leaving some behind. The invention is a high-capacity apparatus for ejecting circular plate bodies, comprising first tank means (41) which is in the form of tube having openings at its upper and lower ends and being provided inclined, an outlet (43) for the circular plate bodies (C), ejecting means (46) for ejecting a circular plate body which is rotatable end provided slantingly within the first tank means, second tank means (56) which is in a large tubular form and arranged to substantially communicate with the upper opening of the first tank means, and conveying means (52) for conveying the circular plate bodies from the second tank means (56) to the first tank means (41) which has the form of a big ring and is provides rotatably at the upper opening of the first tank means, wherein that a groove (61) is formed along the inside of the lower opening of second tank means (56). <IMAGE>

IPC 1-7
G07D 9/00

IPC 8 full level
G07D 1/00 (2006.01); **G07D 9/00** (2006.01)

CPC (source: EP)
G07D 9/008 (2013.01)

Citation (applicant)
• JP H0644305 A 19940218 - GAKUSHIYUU JOHO TSUSHIN SYST K
• US 5122094 A 19920616 - ABE HIROSHI [JP]
• EP 0834842 A1 19980408 - ASAHI SEIKO CO LTD [JP]
• US 4589433 A 19860520 - ABE HIROSHI [JP]
• JP S6245586 A 19870227 - LILLY CO ELI

Citation (search report)
[X] EP 0501607 A1 19920902 - BALLY MFG CORP [US]

Cited by
EP1031948A3

Designated contracting state (EPC)
ES FI GB NL

DOCDB simple family (publication)
EP 0911768 A1 19990428; EP 0911768 B1 20000802; AU 748127 B2 20020530; AU 8519098 A 19990415; CA 2242855 A1 19990326; CA 2242855 C 20060411; ES 2151308 T3 20001216; JP 3791725 B2 20060628; JP H11102454 A 19990413; KR 100497341 B1 20050804; KR 19990029449 A 19990426

DOCDB simple family (application)
EP 98116114 A 19980826; AU 8519098 A 19980917; CA 2242855 A 19980826; ES 98116114 T 19980826; JP 30141397 A 19970926; KR 19980036061 A 19980902